

WHAT IS CLAIMED IS:

1. A system in a printer/copier for ensuring the proper size setting for substrates in a tray, comprising:

a substrate tray adapted for movement from a home position to an open position, and wherein said substrate tray includes a pair of adjustable guides;

a latch mechanism, said latch mechanism including a stud having a flag attached thereto and adapted to move in clockwise and counter-clockwise directions upon movement of said stud;

a sensor adapted to sense the presence of said flag; and

a controller adapted to receive a signal from said sensor and in turn signal a user interface of said machine.

2. The system of claim 1, wherein movement of said adjustable guides triggers said latch mechanism to release said stud and thereby rotate said flag in a clockwise direction.

3. The system of claim 2, wherein movement of said tray toward said home position causes said flag to make said sensor with said sensor sending a signal to said controller indicating adjustment of said guides.

4. The system of claim 3, wherein said stud abuts a stationary member when said tray is returned to said home position.

5. The apparatus of claim 1, wherein said stud is spring loaded.

6. A system for monitoring the size of substrates in a tray that includes a pair of side guides adjustable to accommodate a variety of substrate sizes, comprising:

a stud member connected to said tray and adapted to be actuated by movement of said side guides;

an arm member connected to and adapted to be moved by said stud member;

a sensor adapted to sense the presence of said arm member and give off a signal; and

a controller, said controller adapted to receive a signal from said sensor and in turn indicate to a user interface that said side guides have been adjusted.

7. The system of claim 6, wherein said stud is spring loaded.